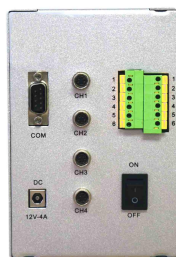


UV-LED SPOT SYSTEM



Wavelength: 265nm, 280nm, 310nm, 365nm, 385nm, 395nm, 405nm, 505nm, 530nm, 590nm, 625nm

Controller



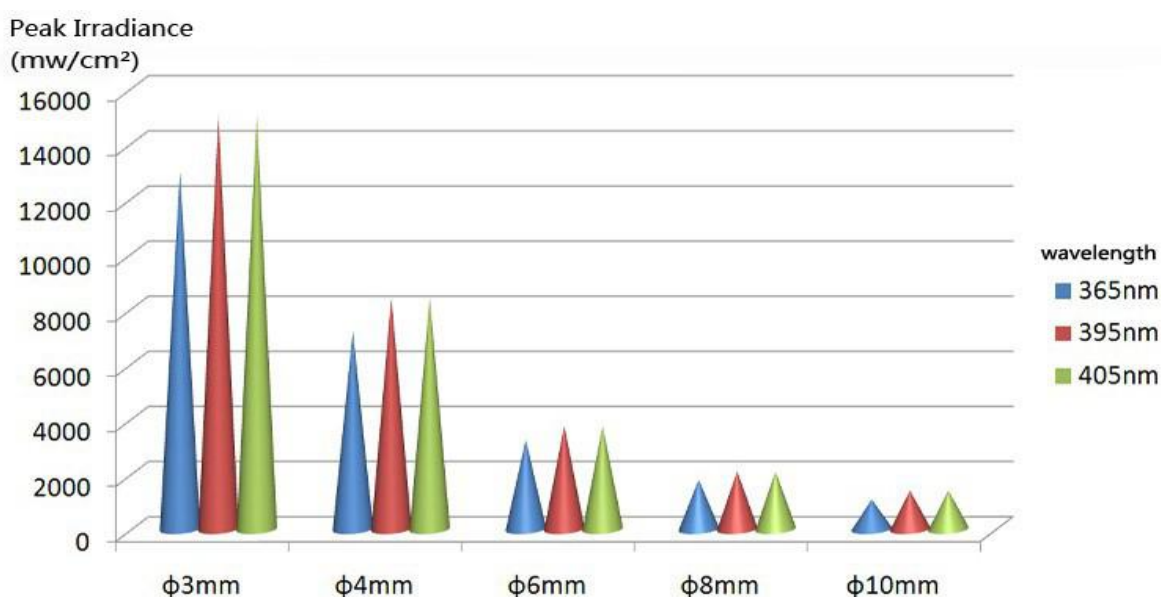
UV-LED light source controller technical specifications:

Type		HTLD-4 II
UV radiation heads		Four (4 LED)
The size of controller		L185*W100*H125mm
Terminal I/O	Input	Pedal switch & serial RS-232 communication signals
	Output	serial RS-232 communication signals
Cooling method of controller		Semiconductor cooling
Power supply voltage		AC100~240V±10% (50/60HZ)
Power consumed		20W
Ambient temperature and humidity		Ambient temperature: -10℃—50℃ Relative humidity: 25%—85%RH
Dimming/Exposure control		Digital Debugging、Manual exposure control、Foot control or timing control (0.1~9999S)
Setting operation		Using the operating switch is set、Power key parameter switch、RS-232
External Control	External input	Enter irradiation alone Irradiation stop input、 Interlocking、All lights illuminated input 、 Query switch
	External output	READY signal、Error signal 、 Warning Output 、 Busy output (Various skinhead) 、 +5VOutput (indicator used)

UV-LED irradiation head



UV intensity



365nm	Spot diameter	φ 3mm	φ 4mm	φ 6mm	φ 8mm	φ 10mm
	Light power density(m w/cm2)	13000	7300	3250	1800	1200
	Irradiation distance	10mm	12mm	20mm	25mm	30mm
395nm	Spot diameter	φ 3mm	φ 4mm	φ 6mm	φ 8mm	φ 10mm
	Light power density(m w/cm2)	15000	8400	3750	2100	1400
	Irradiation distance	10mm	12mm	20mm	25mm	30mm
405nm	Spot diameter	φ 3mm	φ 4mm	φ 6mm	φ 8mm	φ 10mm
	Light power density(m w/cm2)	15000	8400	3750	2100	1400
	Irradiation distance	10mm	12mm	20mm	25mm	30mm
Cable length		2m, 5m optional				
Source		3B rating LED Products				
Light presumed life		25,000 hours (Bald internal LED temperature at 50 ° C)				
Temperature / humidity range		-10 ~ + 50 ° C, 25 ~ 85% RH (25 ° C under non-condensing)				
Cooling		Fan cooling, natural cooling				